

1 What is claimed is:

2 1. A method for encrypting data, comprising:

3 identifying a first spatial location for a current location;

4 selecting a known location having a second spatial location;

5 determining an encryption key based at least in part on the first spatial location

6 and the second spatial location; and

7 encrypting data with respect to the encryption key.

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9 2. The method of claim 1, further comprising:

10 identifying the first spatial location with a global positioning system.

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12 3. The method of claim 1, wherein determining the encryption key comprises:

13 determining a vector between the first spatial location and the second spatial
14 location.

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16 4. The method of claim 3, wherein the vector comprises a direction
17 component and a magnitude component.

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19 5. The method of claim 4, wherein the direction and magnitude components
20 are determined with respect to the first spatial location.

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22 6. The method of claim 1, wherein the second spatial location corresponds to
23 a landmark.

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2 7. The method of claim 1, further comprising:

3 sending to a receiver the first spatial location and an identifier associated with the
4 known location that does not identify the second spatial location;

5 wherein the receiver is configured to lookup the second spatial location
6 associated with the known location.
7

8 8. The method of claim 7, wherein the receiver is further configured to

9 determine a decryption key based at least in part on the sent first spatial location and
10 the looked up second spatial location.
11

12 9. The method of claim 1, further comprising:

13 sending to a receiver a first identifier associated with the first location that does
14 not identify the first spatial location; and

15 sending to the receiver a second identifier associated with the known location
16 that does not identify the second spatial location;

17 wherein the receiver is configured to lookup the first spatial location associated
18 with the first identifier, and to lookup the second spatial location associated with second
19 identifier.
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21 10. The method of claim 9, wherein the receiver is further configured to

22 determine a decryption key based at least in part on the sent first spatial location and
23 the looked up second spatial location.

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2 11. A method for encrypting data, comprising:

3 determining a first spatial location for an encryption location;

4 determining an encryption key based at least in part on the first spatial location;

5 and

6 encrypting data with respect to the encryption key so that encrypted data may be

7 decrypted by a decryption device having an input for receiving a current spatial location

8 and configured to determine a decryption key based at least in part on the current

9 spatial location.

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11 12. The method of claim 11, further comprising:

12 receiving at least one signal comprising data with which to perform the

13 determining the first spatial location.

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15 13. The method of claim 11, further comprising:

16 receiving at least three positioning signals; and

17 determining the first spatial location by triangulating with respect to the at least

18 three positioning signals.

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20 14. The method of claim 11, wherein the first spatial location is determined

21 with a global positioning system (GPS) device.

1 15. The method of claim 11, wherein the decryption device must be near the
2 encryption location when decrypting data that was encrypted with respect to the
3 encryption location.

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5 16. An article, comprising a machine-accessible media having associated
6 instructions for performing encryption, wherein the instructions, when accessed, results
7 in a machine performing:

8 identifying a first spatial location for a current location;
9 selecting a known location having a second spatial location;
10 determining an encryption key based at least in part on the first spatial location
11 and the second spatial location; and
12 encrypting data with respect to the encryption key.

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14 17. The article of claim 16 wherein the machine-accessible media further
15 includes instructions, when accessed by the machine, results in the machine
16 performing:

17 identifying the first spatial location with a global positioning system.

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19 18. The article of claim 16, wherein the machine-accessible media further
20 includes instructions, when accessed by the machine, results in the machine
21 performing:

22 determining a vector between the first spatial location and the second spatial
23 location.

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2 19. The article of claim 18, wherein the vector comprises a direction
3 component and a magnitude component.
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5 20. The article of claim 19, wherein the direction and magnitude components
6 are determined with respect to the first spatial location.
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8 21. The article of claim 16, wherein the second spatial location corresponds to
9 a landmark.
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11 22. The article of claim 16, wherein the machine-accessible media further
12 includes instructions, when accessed by the machine, results in the machine
13 performing:
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15 sending to a receiver the first spatial location and an identifier associated with the
16 known location that does not identify the second spatial location;
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18 wherein the receiver is configured to lookup the second spatial location
19 associated with the known location.
20

21 23. The article of claim 22, wherein the receiver is further configured to
22 determine a decryption key based at least in part on the sent first spatial location and
the looked up second spatial location.

1 24. The article of claim 16, wherein the machine-accessible media further
2 includes instructions, when accessed by the machine, results in the machine
3 performing:
4 sending to a receiver a first identifier associated with the current location that
5 does not identify the first spatial location; and
6 sending to the receiver a second identifier associated with the known location
7 that does not identify the second spatial location;
8 wherein the receiver is configured to lookup the first spatial location associated
9 with the first identifier, and to lookup the second spatial location associated with second
10 identifier.

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12 25. The article of claim 9, wherein the receiver is further configured to
13 determine a decryption key based at least in part on the sent first spatial location and
14 the looked up second spatial location.

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16 26. An article, comprising a machine-accessible media having associated
17 instructions for performing encryption, wherein the instructions, when accessed, results
18 in a machine performing:
19 determining a spatial location for an encryption location;
20 determining an encryption key based at least in part on the spatial location; and
21 encrypting data with respect to the encryption key so that encrypted data may be
22 decrypted by a decryption device having an input for receiving a first spatial location and

1 configured to determine a decryption key based at least in part on the first spatial
2 location.

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4 27. The article of claim 26 wherein the machine-accessible media further
5 includes instructions, when accessed by the machine, results in the machine
6 performing:

7 receiving at least one signal comprising data with which to perform the
8 determining the spatial location.

9
10 28. The article of claim 26 wherein the machine-accessible media further
11 includes instructions, when accessed by the machine, results in the machine
12 performing:

13 receiving at least three positioning signals; and

14 determining the spatial location by triangulating with respect to the at least three
15 positioning signals.

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17 29. The article of claim 26, wherein the spatial location is determined with a
18 global positioning system (GPS) device.

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20 30. The article of claim 26, wherein the decryption device must be near the
21 encryption location when decrypting data that was encrypted with respect to the
22 encryption location.